

## **MoU Activity : 2**

### **Report of Visit to Nano Center, Madurai**

On 8.6.2022 at 11 AM Twenty eight I PG chemistry students of 2021-22 batch were accompanied with staff members Dr. B. Vinosha and Dr. V. ARUL DEEPA visited Nano Center located at Madurai , run by Prof.Selvasekara pandian, Director, Material Research Centre, Coimbatore. Professor addressed the I PG students of chemistry department of Fatima College, and shared his research experiences on the following

- Solid state ionics
- Batteries

Professor briefed the types of solid polymer electrolyte like

#### **Synthetic Polymer**

These are derived from petroleum oil and made by scientists  
Examples: Poly vinyl chloride(PVC), Poly vinyl alcohol(PVA), etc.,

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#### **Bio polymer**

Bio polymer are polymer produced from the natural source. This can be chemically synthesized from biological material. Examples: Agar agar gellan gum, starch , carbohydrates etc.,

#### **Bio Material**

Materials available such as flowers , leaves , seeds , roots etc.,. can be used for the preparation of Bio material electrolyte

In the briefing session, professor narrated the experimental part of the construction of proton exchange membrane fuel cell from prepared biomaterial electrolyte.

Students visited the newly established nano lab and gained knowledge in solid state ionics.

**In the briefing session, Prof.Selvasekara pandian ,Director, Material Research Centre, Coimbatore, narrated the experimental part of the construction of proton exchange membrane fuel cell from prepared biomaterial electrolyte.**



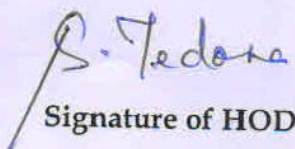
**Students visited the newly established nano lab and gained knowledge in solid state ionics.**



## Participants list

Reg. no	Names
2021MSCC01	ASHA BANU A
2021MSCC02	BHAVANI M
2021MSCC03	DEEPTHI N
2021MSCC04	HEMA DHARSHINI R
2021MSCC05	INFANTA JENIFER A
2021MSCC06	JANANI H
2021MSCC07	JANANI R
2021MSCC08	JASMINE JENOBHA D
2021MSCC11	LOGESHWARI K
2021MSCC13	MAGIMAGRACE V
2021MSCC14	MANSOORUL SAJITHA THASLEEM M
2021MSCC15	MATHU MEENA P
2021MSCC16	PERARASI R C
2021MSCC17	SANTHANAKARTHIKA S
2021MSCC18	SHEEBA K
2021MSCC19	SNEKA K
2021MSCC20	SOUNTHARYA V
2021MSCC21	SRI HARSHINI M
2021MSCC22	SUBASHINI M
2021MSCC23	SUBASHINI V
2021MSCC24	YUVARANI K
2021MSCC25	FEBIA C

2021MSCC26	MARIYA JOSE PRINCIYA J
2021MSCC27	JOY JULIE ANSLIN A
2021MSCC28	SABITHRA S
2021MSCC29	SHANMUGA PRIYA P
2021MSCC30	VISWATHIKA K
2021MSCC31	SNEHA P S

  
Signature of HOD

**HEAD**  
Department of Chemistry  
Fatima College (Autonomous)  
Madurai - 625 012